

# Household Laundry Equipment Manufacturing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)					
335224, Household laundry equipment manufacturing .....	2002..	13	18	16 034	621 980	13 605	26 224	457 858	2 094 383	2 494 332	4 576 269	83 933
	2001..	N	N	14 918	540 972	12 833	25 291	420 458	1 853 123	2 555 767	4 380 784	97 009
	2000..	N	N	15 503	568 853	13 259	25 513	429 350	1 731 174	2 395 307	4 252 698	78 720
	1999..	N	N	15 915	554 132	14 034	26 540	435 539	1 921 524	2 245 261	4 163 330	99 795
	1998..	N	N	16 740	565 166	14 307	26 318	438 647	2 105 958	2 316 703	4 421 433	84 598
	1997..	10	17	14 801	480 076	12 925	25 055	393 537	1 792 070	2 081 226	3 847 002	37 355

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. **Industry Statistics for Selected States: 2002**

[Not applicable for this report]

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>335224, Household laundry equipment manufacturing</b>	
Companies <sup>1</sup> .....	number.. 13
All establishments <sup>2</sup> .....	number.. 18
Establishments with 1 to 19 employees .....	number.. 5
Establishments with 20 to 99 employees .....	number.. 1
Establishments with 100 employees or more .....	number.. 12
All employees <sup>3</sup> .....	number.. 16 034
Total compensation .....	\$1,000.. 837 449
Annual payroll .....	\$1,000.. 621 980
Total fringe benefits .....	\$1,000.. 215 469
Production workers, average for year .....	number.. 13 605
Production workers on March 12 .....	number.. 13 993
Production workers on May 12 .....	number.. 13 800
Production workers on August 12 .....	number.. 13 257
Production workers on November 12 .....	number.. 13 360
Production worker hours .....	1,000.. 26 224
Production worker wages .....	\$1,000.. 457 858
Total cost of materials .....	\$1,000.. 2 494 332
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 2 443 194
Resales .....	\$1,000.. D
Purchased fuels .....	\$1,000.. 12 010
Purchased electricity .....	\$1,000.. 18 938
Contract work .....	\$1,000.. D
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 471 836
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 4 576 269
Primary products value of shipments .....	\$1,000.. 4 447 123
Secondary products value of shipments .....	\$1,000.. 102 075
Total miscellaneous receipts .....	\$1,000.. 27 071
Value of resales .....	\$1,000.. D
Contract receipts .....	\$1,000.. -
Other miscellaneous receipts .....	\$1,000.. D
Primary products specialization ratio .....	percent.. 98
Value of primary products shipments made in all industries .....	\$1,000.. 4 569 477
Value of primary products shipments made in this industry .....	\$1,000.. 4 447 123
Value of primary products shipments made in other industries .....	\$1,000.. 122 354
Coverage ratio .....	percent.. 97
Value added .....	\$1,000.. 2 094 383
Total inventories, beginning of year .....	\$1,000.. 263 464
Finished goods inventories .....	\$1,000.. 164 379
Work-in-process inventories .....	\$1,000.. 35 705
Materials and supplies inventories .....	\$1,000.. 63 380
Total inventories, end of year .....	\$1,000.. 280 178
Finished goods inventories .....	\$1,000.. 187 009
Work-in-process inventories .....	\$1,000.. 25 521
Materials and supplies inventories .....	\$1,000.. 67 648
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 1 904 455
Total capital expenditures (new and used) .....	\$1,000.. 83 933
Buildings and other structures (new and used) .....	\$1,000.. 9 600
Machinery and equipment (new and used) .....	\$1,000.. 74 333
Automobiles, trucks, etc., for highway use .....	\$1,000.. D
Computers and peripheral data processing equipment .....	\$1,000.. D
All other expenditures for machinery and equipment .....	\$1,000.. 72 879
Total retirements .....	\$1,000.. 42 273
Gross value of depreciable assets at end of year .....	\$1,000.. 1 946 115
Depreciation charges during year .....	\$1,000.. 85 671
Total rental payments .....	\$1,000.. 9 047
Buildings and other structures .....	\$1,000.. 5 071
Machinery and equipment .....	\$1,000.. 3 976
Total other expenses <sup>4</sup> .....	\$1,000.. 71 993
Response coverage ratio <sup>5</sup> .....	percent.. 93
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 16 266
Communications services <sup>4</sup> .....	\$1,000.. 635
Legal services <sup>4</sup> .....	\$1,000.. 618
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. D
Advertising and promotional services <sup>4</sup> .....	\$1,000.. D
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. D
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 1 530
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 2 186
Taxes and license fees <sup>4</sup> .....	\$1,000.. 4 893
All other expenses <sup>4</sup> .....	\$1,000.. 45 267

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
335224, Household laundry equipment manufacturing											
All establishments .....	—	18	16 034	621 980	13 605	26 224	457 858	2 094 383	2 494 332	4 576 269	83 933
Establishments with—											
1 to 4 employees .....	9	4	4	121	4	6	103	525	613	1 138	41
5 to 9 employees .....	—	—	—	—	—	—	—	—	—	—	—
10 to 19 employees .....	9	1	a	D	D	D	D	D	D	D	D
20 to 49 employees .....	—	1	b	D	D	D	D	D	D	D	D
50 to 99 employees .....	—	—	—	—	—	—	—	—	—	—	—
100 to 249 employees .....	—	2	e	D	D	D	D	D	D	D	D
250 to 499 employees .....	4	3	1 079	34 360	870	1 896	25 534	93 906	96 347	190 471	5 640
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more .....	—	3	i	D	D	D	D	D	D	D	D
Administrative records <sup>4</sup> .....	9	5	15	547	12	21	330	1 274	1 434	2 708	122

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
335224	Household laundry equipment manufacturing .....	18	16 034	621 980	13 605	26 224	457 858	2 094 383	2 494 332	4 576 269	83 933
3352240	Household laundry equipment .....	18	16 034	621 980	13 605	26 224	457 858	2 094 383	2 494 332	4 576 269	83 933

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335224	Household laundry equipment manufacturing .....	2002.. N	X	X	4 569 477
	1997.. N		X	X	3 710 478
3352240	Household laundry equipment .....	2002.. N	X	X	4 569 477
	1997.. N		X	X	3 710 478
33522401	Household laundry equipment .....	2002.. N	X	X	4 568 339
	1997.. N		X	X	3 710 478
3352240110	Household laundry machines, including both coin- and noncoin-operated washing machines, dryers, and combinations <sup>1</sup> .....	2002.. 10	X	X	4 427 434
	1997.. 6		X	X	3 439 588
3352240190	Parts, accessories, and attachments for household laundry equipment (sold separately) <sup>1</sup> .....	2002.. 8	X	X	140 905
	1997.. 13		X	X	270 890
3352240Y	Household laundry equipment, nsk, total .....	2002.. N	X	X	1 138
	1997.. N		X	X	—
3352240YWW	Household laundry equipment, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	—
	1997.. N		X	X	—
3352240YWY	Household laundry equipment, nsk, for administrative-record establishments .....	2002.. N	X	X	1 138
	1997.. N		X	X	—

<sup>1</sup>For additional detail, see Current Industrial Report MA335F, Major Household Appliances.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
335224	Household laundry equipment manufacturing		
00900001	Total materials .....2002..	X	2 443 194
	.....1997..	X	1 932 710
332000AC	Metal stampings .....2002..	X	55 570
	.....1997..	X	90 822
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	47 179
	.....1997..	X	48 780
33200025	All other fabricated metal products (excluding forgings, castings, wire racks, grills, springs, other fabricated nonelectric wire products, bolts, nuts, screws, rivets, and screw machine products) .....2002..	X	42 830
	.....1997..	X	D
33210000	Forgings .....2002..	X	D
	.....1997..	X	N
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	98 647
	.....1997..	X	D
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished) .....2002..	X	27 551
	.....1997..	X	34 742
33152003	Other nonferrous metalcastings, rough and semifinished (excluding aluminum and aluminum-base alloy) .....2002..	X	D
	.....1997..	X	D
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	22 832
33120016	Steel sheet and strip (including tinplate) .....2002..	X	311 574
	.....1997..	X	N
33120033	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	49 337
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	40 847
	.....1997..	X	N
33100077	Other nonferrous shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	D
	.....1997..	X	D
33100087	Nonferrous wire and cable (including magnet wire, bare or insulated wire, etc.) .....2002..	X	D
	.....1997..	X	D
33531219	Fractional horsepower electric motors and generators (less than 1 hp), including timing motors .....2002..	X	D
	.....1997..	X	219 378
33531221	Integral horsepower electric motors and generators (1 hp or more) .....2002..	X	232 405
	.....1997..	X	D
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) .....2002..	X	79 555
	.....1997..	X	61 922
001900B1	Electrical transmission, distribution, and control equipment .....2002..	X	143 804
	.....1997..	X	D
33593101	Current-carrying wiring devices .....2002..	X	45 888
	.....1997..	X	D
33451809	Timing mechanisms (excluding microprocessors) .....2002..	X	80 897
	.....1997..	X	95 907
33451200	Automatic temperature controls (thermostats, regulators, etc.) .....2002..	X	86 044
	.....1997..	X	43 034
32551002	Paints, varnishes, stains, lacquers, shellacs, japans, enamels, and allied product .....2002..	X	68 300
	.....1997..	X	N
32600017	Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets) .....2002..	X	D
	.....1997..	X	D
32622001	Rubber and plastics hose and belting .....2002..	X	55 942
	.....1997..	X	41 282
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	153 960
	.....1997..	X	120 633
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	58 462
	.....1997..	X	58 632
33100095	Complete flexible cord sets .....2002..	X	D
	.....1997..	X	D
001900B7	Resistors, capacitors, transformers, electron tubes, semiconductors, and other electronic components .....2002..	X	130 332
	.....1997..	X	D
32799301	Mineral wool insulation (fibrous glass, rock wool, etc.) .....2002..	X	6 239
	.....1997..	X	D
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	278 449
	.....1997..	X	613 671
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	51 889
	.....1997..	X	45 823

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.